

L1 108 S (AUTOMATIC?) (3A) (CONFIGURATION) (3A) (NETWORK)
 L2 404 S (ASSIGN? OR DESIGNAT?) (3A) (IP ADDRESS)
 L3 49 S L2(P) (MAC OR PHYSICAL ADDRESS)
 L4 2 S L1 AND L3
 L5 424 S (ASSIGN? OR DESIGNAT? OR DETERMIN?) (3A) (NETWORK ADDRESS)
 L6 3 S L5(3A) (AUTOMATIC?)
 L7 6 S (MAC) (P) (IP ADDRESS) (P) (NAMES)

=> d 13 1-

YOU HAVE REQUESTED DATA FROM 49 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 49 USPATFULL
 AN 2001:99991 USPATFULL
 TI Method and communication system in wireless AD HOC networks
 IN Rune, Johan, Lidingo, Sweden
 PI US 2001005368 A1 20010628
 AI US 2000-729991 A1 20001206 (9)
 PRAI SE 1999-850191 19991206
 DT Utility
 FS APPLICATION
 LN.CNT 1045
 INCL INCLM: 370/390.000
 INCLS: 370/338.000; 370/475.000; 370/401.000; 370/432.000; 370/469.000
 NCL NCLM: 370/390.000
 NCLS: 370/338.000; 370/475.000; 370/401.000; 370/432.000; 370/469.000
 IC [7]
 ICM: H04L012-28
 ICS: H04L012-56; H04J003-16

L3 ANSWER 2 OF 49 USPATFULL
 AN 2001:94585 USPATFULL
 TI Internet protocol (IP) work group routing
 IN Dobbins, Kurt A., Bedford, NH, United States
 Cullerot, David L., Manchester, NH, United States
 Negus, Stephen H., Winhdam, NH, United States
 Haggerty, William T., Dunstable, MA, United States
 PA Cabletron Systems, Inc., Rochester, NH, United States (U.S. corporation)
 PI US 6249820 B1 20010619
 AI US 1998-73557 19980506 (9)
 RLI Continuation of Ser. No. US 1995-501324, filed on 12 Jul 1995, now patented, Pat. No. US 5751971
 DT Utility
 FS GRANTED
 LN.CNT 1026
 INCL INCLM: 709/238.000
 INCLS: 709/249.000
 NCL NCLM: 709/238.000
 NCLS: 709/249.000
 IC [7]
 ICM: G06F015-173
 EXF 709/238; 709/239; 709/245; 709/249; 709/250; 370/351; 370/401; 370/409

L3 ANSWER 3 OF 49 USPATFULL
 AN 2001:87375 USPATFULL
 TI Integrated communication system of voice and data
 IN Yamamoto, Kunio, Kanagawa, Japan
 PA Fujitsu Limited, Kawasaki, Japan (non-U.S. corporation)

PI US 6246679 B1 20010612
AI US 1998-121196 19980722 (9)
PRAI JP 1998-62541 19980313
DT Utility
FS GRANTED
LN.CNT 935
INCL INCLM: 370/352.000
INCLS: 370/395.000; 370/404.000; 370/524.000; 379/088.170; 379/093.070
NCL NCLM: 370/352.000
NCLS: 370/395.000; 370/404.000; 370/524.000; 379/088.170; 379/093.070
IC [7]
ICM: H04Q011-04
ICS: H04L012-28; H04L012-46; H04M011-06
EXF 370/352; 370/353; 370/354; 370/389; 370/395; 370/401; 370/402; 370/403;
370/404; 370/463; 370/468; 370/522; 370/524; 370/535; 379/88.17;
379/93.01; 379/93.05; 379/93.06; 379/93.07; 379/93.09; 379/93.14;
379/93.15; 379/201; 379/219; 379/220

L3 ANSWER 4 OF 49 USPATFULL
AN 2001:80484 USPATFULL
TI Method and system for managing addresses for network host interfaces in
a data-over-cable system
IN Fijolek, John G., Naperville, IL, United States
Beser, Nurettin B., Evanston, IL, United States
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 6240464 B1 20010529
AI US 1998-18780 19980204 (9)
DT Utility
FS Granted
LN.CNT 1964
INCL INCLM: 709/250.000
INCLS: 709/238.000; 370/351.000
NCL NCLM: 709/250.000
NCLS: 370/351.000; 709/238.000
IC [7]
ICM: G06F015-16
ICS: G06F015-173
EXF 707/10; 707/104; 395/200.33; 395/200.38; 395/200.47; 348/5.5; 348/6;
709/220; 709/250; 709/238; 709/218; 713/201; 370/351

L3 ANSWER 5 OF 49 USPATFULL
AN 2001:61238 USPATFULL
TI Method and system for providing quality-of-service in a data-over-cable
system using configuration protocol messaging
IN Fijolek, John G., Naperville, IL, United States
Beser, Nurettin B., Evanston, IL, United States
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 6223222 B1 20010424
AI US 1998-79322 19980514 (9)
DT Utility
FS Granted
LN.CNT 2712
INCL INCLM: 709/227.000
INCLS: 370/236.000
NCL NCLM: 709/227.000
NCLS: 370/236.000
IC [7]
ICM: G06F015-16
EXF 713/1; 713/201; 709/217-220; 709/222; 709/225; 709/227; 709/232;
709/237; 709/238; 370/229; 370/230; 370/235; 370/236; 370/254; 370/351;
710/8; 710/10; 710/11

L3 ANSWER 6 OF 49 USPATFULL
AN 2001:53390 USPATFULL
TI Cable modem control method giving priority to packets from the cable
head end over packets from the subscriber LAN

IN Isono, Hiroaki Kanagawa, Japan
Nishimura, Toshinichi, Kanagawa, Japan
PA Sony Corporation, Tokyo, Japan (non-U.S. corporation)
PI US 6216171 B1 20010410
AI US 1998-21828 19980211 (9)
PRAI JP 1997-28690 19970213
DT Utility
FS Granted
LN.CNT 590
INCL INCLM: 709/250.000
INCLS: 370/463.000; 375/222.000
NCL NCLM: 709/250.000
NCLS: 370/463.000; 375/222.000
IC [7]
ICM: G06F015-16
ICS: H04L012-66; H04B001-38
EXF 348/6; 348/12; 455/4.2; 455/5.1; 709/203; 709/207; 709/250; 710/40;
370/463; 375/222; 375/257

L3 ANSWER 7 OF 49 USPATFULL
AN 2001:30837 USPATFULL
TI Headend provisioning agent
IN Bahlmann, Bruce F., White Bear Lake, MN, United States
PA MediaOne Group, Inc., Englewood, CO, United States (U.S. corporation)
PI US 6195689 B1 20010227
AI US 1999-305680 19990505 (9)
DT Utility
FS Granted
LN.CNT 1560
INCL INCLM: 709/217.000
NCL NCLM: 709/217.000
IC [7]
ICM: G06F013-00
EXF 709/200; 709/201; 709/203; 709/206; 709/207; 709/212; 709/213; 709/214;
709/216; 709/217; 709/218; 709/219; 709/220; 709/221; 379/201

L3 ANSWER 8 OF 49 USPATFULL
AN 2001:23542 USPATFULL
TI Method for authentication of network devices in a data-over cable
system
IN Beser, Nurettin B., Evanston, IL, United States
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 6189102 B1 20010213
AI US 1998-85585 19980527 (9)
DT Utility
FS Granted
LN.CNT 2243
INCL INCLM: 713/201.000
INCLS: 709/201.000; 709/223.000; 709/230.000; 709/245.000
NCL NCLM: 713/201.000
NCLS: 709/201.000; 709/223.000; 709/230.000; 709/245.000
IC [7]
ICM: G06F011-30
EXF 713/201; 713/200; 709/200; 709/201; 709/202; 709/203; 709/217; 709/218;
709/219; 709/220; 709/222; 709/223; 709/224; 709/227; 709/228; 709/229;
709/230; 709/231; 709/232; 709/245; 709/249; 709/250

L3 ANSWER 9 OF 49 USPATFULL
AN 2001:23134 USPATFULL
TI Multicast domain virtual local area network
IN Barkai, Sharon, Shoham, Israel
Bar-Eli, Eldad, Ramat Hasharon, Israel
Shamir, Yoram, Kiriath Ono, Israel
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 6188691 B1 20010213
AI US 1998-39725 19980316 (9)

DT Utility
FS Granted
LN.CNT 518
INCL INCLM: 370/390.000
INCLS: 370/397.000; 370/399.000; 370/409.000
NCL NCLM: 370/390.000
NCLS: 370/397.000; 370/399.000; 370/409.000
IC [7]
ICM: H04L012-28
EXF 370/390; 370/392; 370/397; 370/399; 370/401; 370/409

L3 ANSWER 10 OF 49 USPATFULL
AN 2001:19865 USPATFULL
TI Method and system for cable modem management of a data-over-cable system
IN Fijolek, John G., Naperville, IL, United States
Beser, Nurettin B., Evanston, IL, United States
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 6185624 B1 20010206
AI US 1998-18404 19980204 (9)
DT Utility
FS Granted
LN.CNT 1828
INCL INCLM: 709/239.000
INCLS: 709/217.000; 709/218.000; 709/223.000; 370/401.000; 370/410.000;
379/093.160
NCL NCLM: 709/239.000
NCLS: 370/401.000; 370/410.000; 709/217.000; 709/218.000; 709/223.000
IC [7]
ICM: G06F015-173
ICS: G06F015-16
EXF 709/217; 709/218; 709/219; 709/222; 709/223; 709/224; 709/225; 709/226;
709/203; 709/230; 709/239; 709/335; 340/286.02; 345/335; 364/242;
379/93.16; 370/401; 370/402; 370/403; 370/410; 380/21-24

L3 ANSWER 11 OF 49 USPATFULL
AN 2001:2741 USPATFULL
TI Method and system for secure cable modem registration
IN Beser, Nurettin B., Evanston, IL, United States
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 6170061 B1 20010102
AI US 1998-18372 19980204 (9)
DT Utility
FS Granted
LN.CNT 2211
INCL INCLM: 713/201.000
INCLS: 713/151.000; 713/170.000; 380/257.000
NCL NCLM: 713/201.000
NCLS: 380/257.000; 713/151.000; 713/170.000
IC [7]
ICM: H04L009-00
EXF 713/201; 713/162; 713/181; 713/151; 713/153; 713/154; 713/160; 713/170;
713/161; 380/256; 380/257; 380/266; 379/93.01

L3 ANSWER 12 OF 49 USPATFULL
AN 2000:175677 USPATFULL
TI Establishing connectivity in networks
IN McNeill, Thomas G., Orem, UT, United States
Ekstrom, Joseph J., Lindon, UT, United States
Moss, Stephen S., Lindon, UT, United States
PA VPNX.com, Inc., Lindon, UT, United States (U.S. corporation)
PI US 6167052 20001226
AI US 1998-67761 19980427 (9)
DT Utility
FS Granted
LN.CNT 1435

INCL INCLM: 370/399.000
INCLS: 370/401.000
NCL NCLM: 370/399.000
NCLS: 370/401.000
IC [7]
ICM: H04L012-66
EXF 379/901; 395/200.68; 370/397; 370/399; 370/409; 370/401; 709/238

L3 ANSWER 13 OF 49 USPATFULL
AN 2000:151533 USPATFULL
TI Apparatus and method for installing software and recording medium
storing program for realizing the method
IN Matsukura, Ryuichi, Kanagawa, Japan
Sasaki, Kazuo, Kanagawa, Japan
Watanabe, Satoru, Kanagawa, Japan
Obata, Akihiko, Kanagawa, Japan
Okahara, Tohru, Osaka, Japan
PA Fujitsu Limited, Kawasaki, Japan (non-U.S. corporation)
PI US 6145126 20001107
AI US 1998-60348 19980415 (9)
PRAI JP 1997-340902 19971211
DT Utility
FS Granted
LN.CNT 1767
INCL INCLM: 717/011.000
INCLS: 709/201.000; 709/220.000; 709/223.000; 707/700.000
NCL NCLM: 717/011.000
NCLS: 709/201.000; 709/220.000; 709/223.000
IC [7]
ICM: G06F009-445
ICS: G06F015-16; G06F015-177; G06F015-173; G06F012-00
EXF 395/712; 707/200; 717/11; 709/201

L3 ANSWER 14 OF 49 USPATFULL
AN 2000:132763 USPATFULL
TI Network connecting apparatus
IN Oura, Tetsuo, Yokohama, Japan
Ikeda, Naoya, Ebima, Japan
PA Hitachi, Ltd., Tokyo, Japan (non-U.S. corporation)
PI US 6128294 20001003
AI US 1997-829238 19970331 (8)
PRAI JP 1996-83546 19960405
DT Utility
FS Granted
LN.CNT 857
INCL INCLM: 370/389.000
INCLS: 370/392.000; 370/469.000; 709/245.000; 340/825.070
NCL NCLM: 370/389.000
NCLS: 340/002.100; 370/392.000; 370/469.000; 709/245.000
IC [7]
ICM: H04L012-28
ICS: G06F013-00
EXF 370/389; 370/390; 370/392; 370/401; 370/400; 370/469; 340/825.52;
340/825.07; 395/200.58; 364/241; 364/242; 709/245; 709/246

L3 ANSWER 15 OF 49 USPATFULL
AN 2000:122409 USPATFULL
TI System and method for controlling communication
IN Tajika, Yosuke, Kobe, Japan
Matsubara, Shinzo, Osaka, Japan
Horiguchi, Takeo, Ibaraki, Japan
Iwamura, Kazuaki, Kobe, Japan
PA Kabushiki Kaisha Toshiba, Kawasaki, Japan (non-U.S. corporation)
PI US 6118771 20000912
AI US 1997-816563 19970313 (8)
PRAI JP 1996-57964 19960314

JP 1996-59157 19960315
 JP 1996-69587 19960326
 JP 1996-193302 19960723
 DT Utility
 FS Granted
 LN.CNT 2279
 INCL INCLM: 370/328.000
 INCLS: 370/401.000
 NCL NCLM: 370/328.000
 NCLS: 370/401.000
 IC [7]
 ICM: H04Q007-00
 EXF 370/401; 370/381; 370/394; 370/402; 370/312; 370/328; 370/338; 370/349;
 370/392

 L3 ANSWER 16 OF 49 USPATFULL
 AN 2000:103571 USPATFULL
 TI Service management method and connection oriented network system using
 such management method
 IN Miyamoto, Takahisa, Kawasaki, Japan
 Sawada, Sunao, Yokohama, Japan
 Tominaga, Yoshikazu, Yokohama, Japan
 PA Hitachi, Ltd., Tokyo, Japan (non-U.S. corporation)
 PI US 6101542 20000808
 AI US 1997-895366 19970716 (8)
 PRAI JP 1996-190330 19960719
 DT Utility
 FS Granted
 LN.CNT 1241
 INCL INCLM: 709/227.000
 INCLS: 709/223.000; 709/229.000; 370/232.000
 NCL NCLM: 709/227.000
 NCLS: 370/232.000; 709/223.000; 709/229.000
 IC [7]
 ICM: G06F013-14
 EXF 370/397; 370/392; 370/395; 370/60.1; 370/84; 370/218; 370/232; 370/458;
 370/399; 395/500; 395/856; 395/417; 395/828; 709/200; 709/153; 709/227;
 709/223; 709/229; 709/238; 709/213; 709/230; 707/7; 714/4

 L3 ANSWER 17 OF 49 USPATFULL
 AN 2000:99792 USPATFULL
 TI Process control system including a method and apparatus for
 automatically sensing the connection of devices to a network
 IN Nixon, Mark, Round Rock, TX, United States
 Krivoshein, Ken D., Elgin, TX, United States
 Shepard, John R., Austin, TX, United States
 Christensen, Dan D., Austin, TX, United States
 Schleiss, Duncan, Austin, TX, United States
 PA Fisher-Rosemont Systems, Inc., Austin, TX, United States (U.S.
 corporation)
 PI US 6098116 20000801
 AI US 1996-631519 19960412 (8)
 PRAI US 1996-17700 19960412 (60)
 DT Utility
 FS Granted
 LN.CNT 2316
 INCL INCLM: 710/008.000
 INCLS: 710/010.000; 710/062.000; 709/220.000; 709/221.000; 709/250.000
 NCL NCLM: 710/008.000
 NCLS: 709/220.000; 709/221.000; 709/250.000; 710/010.000; 710/062.000
 IC [7]
 ICM: G06F013-14
 ICS: G06F013-20
 EXF 395/209.5; 395/200.51; 395/200.8; 370/94.1; 710/8; 710/10; 710/62;
 709/250; 709/220; 709/221

L3 ANSWER 18 OF 49 USPATFULL
AN 2000:92884 USPATFULL
TI Method for configuring distributed internet protocol gateways with lan emulation
IN Alexander, Jr., Cedell Adam, Durham, NC, United States
Ervin, Jimmy Philip, Raleigh, NC, United States
Lloyd, John, Durham, NC, United States
Matlack, Jr., Richard Colbert, Raleigh, NC, United States
Vig, Deepak, Raleigh, NC, United States
PA Cisco Systems, Inc., San Jose, CA, United States (U.S. corporation)
PI US 6091732 20000718
AI US 1997-975481 19971120 (8)
DT Utility
FS Granted
LN.CNT 291
INCL INCLM: 370/401.000
INCLS: 370/389.000
NCL NCLM: 370/401.000
NCLS: 370/389.000
IC [7]
ICM: H04L012-28
EXF 370/389; 370/401; 370/410; 709/202; 709/203; 709/204; 709/227; 709/245;
709/225

L3 ANSWER 19 OF 49 USPATFULL
AN 2000:68831 USPATFULL
TI Method and system for secure cable modem initialization
IN Beser, Nurettin B., Evanston, IL, United States
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 6070246 20000530
AI US 1998-18756 19980204 (9)
DT Utility
FS Granted
LN.CNT 2125
INCL INCLM: 713/201.000
NCL NCLM: 713/201.000
IC [7]
ICM: G06F011-00
EXF 713/200; 713/201; 713/1; 707/203; 709/219; 709/217; 709/220; 380/23;
380/30

L3 ANSWER 20 OF 49 USPATFULL
AN 2000:62873 USPATFULL
TI Internet protocol based network architecture for cable television access
with switched fallback
IN Blahut, Donald Edgar, Holmdel, NJ, United States
Bobeck, James D., Leesport, PA, United States
Dalton, Robert William, North Andover, MA, United States
Hernandez-Valencia, Enrique, Highlands, NJ, United States
Levy, Roger Henry, Berkeley Heights Township, Union County, NJ, United States
Sharp, Ronald L., Califon, NJ, United States
PA Lucent Technologies Inc., Murray Hill, NJ, United States (U.S. corporation)
PI US 6065061 20000516
AI US 1997-991735 19971216 (8)
DT Utility
FS Granted
LN.CNT 441
INCL INCLM: 709/239.000
INCLS: 709/203.000
NCL NCLM: 709/239.000
NCLS: 709/203.000
IC [7]
ICM: H04J003-16

EXF 709/203; 709/204; 709/239; 714/4; 714/48

L3 ANSWER 21 OF 49 USPATFULL
AN 2000:62861 USPATFULL
TI Method and system for resolving addresses for network host interfaces
from a cable modem
IN Beser, Nurettin B., Evanston, IL, United States
Fijolek, John G., Naperville, IL, United States
Robinson, Philip T., Barrington, IL, United States
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 6065049 20000516
AI US 1998-18814 19980204 (9)
DT Utility
FS Granted
LN.CNT 1828
INCL INCLM: 709/218.000
INCLS: 709/225.000; 709/250.000; 370/351.000; 370/409.000
NCL NCLM: 709/218.000
NCLS: 370/351.000; 370/409.000; 709/225.000; 709/250.000
IC [7]
ICM: G06F013-00
EXF 370/351; 370/409; 370/390; 370/352-356; 709/218; 709/225; 709/250

L3 ANSWER 22 OF 49 USPATFULL
AN 2000:55202 USPATFULL
TI Method and system for addressing network host interfaces from a cable
modem using DHCP
IN Fijolek, John G., Naperville, IL, United States
Beser, Nurettin B., Evanston, IL, United States
Robinson, Philip T., Barrington, IL, United States
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 6058421 20000502
AI US 1998-18784 19980204 (9)
DT Utility
FS Granted
LN.CNT 1892
INCL INCLM: 709/225.000
INCLS: 709/203.000; 709/202.000; 709/217.000; 709/218.000; 709/219.000;
709/226.000; 370/312.000; 370/352.000; 370/389.000; 370/432.000;
370/475.000; 348/006.000; 348/734.000; 359/164.000; 359/165.000;
364/705.050
NCL NCLM: 709/225.000
NCLS: 348/734.000; 359/164.000; 359/165.000; 370/312.000; 370/352.000;
370/389.000; 370/432.000; 370/475.000; 708/109.000; 709/202.000;
709/203.000; 709/217.000; 709/218.000; 709/219.000; 709/226.000;
725/111.000; 725/122.000
IC [7]
ICM: G06F015-173
EXF 709/224; 709/203; 709/202; 709/217; 709/218; 709/219; 709/226; 709/227;
709/231; 709/238; 709/245; 711/200; 370/312; 370/352; 370/389; 370/432;
370/475; 364/705.05; 348/6; 348/734; 359/164; 359/165

L3 ANSWER 23 OF 49 USPATFULL
AN 2000:45063 USPATFULL
TI Method and system for cable modem initialization using dynamic servers
IN Beser, Nurettin B., Evanston, IL, United States
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 6049826 20000411
AI US 1998-18400 19980204 (9)
DT Utility
FS Granted
LN.CNT 2109
INCL INCLM: 709/222.000
INCLS: 709/203.000; 709/217.000; 709/218.000; 709/219.000; 709/222.000;
709/223.000; 709/224.000; 709/225.000; 709/226.000; 370/401.000;
370/402.000; 370/403.000; 370/410.000; 340/286.020; 379/093.160;

380/021.000; 380/024.000
NCL NCLM: 709/222.000
NCLS: 340/286.020; 370/401.000; 370/402.000; 370/403.000; 370/410.000;
380/266.000; 709/203.000; 709/217.000; 709/218.000; 709/219.000;
709/223.000; 709/224.000; 709/225.000; 709/226.000; 713/181.000
IC [7]
ICM: G06F015-177
EXF 709/217; 709/218; 709/219; 709/222; 709/223; 709/224; 709/225; 709/226;
709/203; 709/230; 709/231; 709/335; 380/21-24; 345/335; 364/242;
348/12; 379/93.16; 370/401; 370/402; 370/403; 370/410; 455/3.1; 340/286.02

L3 ANSWER 24 OF 49 USPATFULL
AN 2000:42167 USPATFULL
TI Network device for supporting construction of virtual local area
networks on arbitrary local and wide area computer networks
IN Jain, Lalit, 43 Symphony Rd., Boston, MA, United States 02115
Ford, Michael T., 32 Bristol St., Cambridge, MA, United States 02141
PI US 6047325 20000404
AI US 1998-138959 19980824 (9)
RLI Continuation of Ser. No. US 1997-957352, filed on 24 Oct 1997, now
abandoned
DT Utility
FS Granted
LN.CNT 365
INCL INCLM: 709/227.000
INCLS: 709/238.000; 709/239.000; 709/245.000
NCL NCLM: 709/227.000
NCLS: 709/238.000; 709/239.000; 709/245.000
IC [7]
ICM: G06F015-00
ICS: G06F015-40; G06F009-44
EXF 709/227; 709/238; 709/239; 709/245

L3 ANSWER 25 OF 49 USPATFULL
AN 2000:10754 USPATFULL
TI Method and system for managing subscription services with a cable modem
IN Fijolek, John G., Naperville, IL, United States
Lee, Ronald B., Northbrook, IL, United States
Robinson, Philip T., Barrington, IL, United States
Gun, Levent, Lake Forest, IL, United States
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 6018767 20000125
AI US 1998-28404 19980224 (9)
DT Utility
FS Granted
LN.CNT 1966
INCL INCLM: 709/218.000
INCLS: 709/225.000; 709/250.000; 348/012.000
NCL NCLM: 709/218.000
NCLS: 709/225.000; 709/250.000; 725/111.000; 725/122.000
IC [6]
ICM: G06F013-00
ICS: H04N007-173
EXF 709/217; 709/218; 709/219; 709/225; 709/226; 709/227; 709/229; 709/230;
709/231; 709/238; 709/250; 348/6; 348/7; 348/8; 348/10; 348/12; 348/13

L3 ANSWER 26 OF 49 USPATFULL
AN 1999:148219 USPATFULL
TI Local area network system and router unit
IN Yoshida, Akiko, Kawasaki, Japan
Yamamoto, Takaya, Kawasaki, Japan
PA Fujitsu Limited, Kanagawa, Japan (non-U.S. corporation)
PI US 5987524 19991116
AI US 1997-940149 19970930 (8)
PRAI JP 1997-100017 19970417

DT Utility
FS Granted
LN.CNT 987
INCL INCLM: 709/245.000
INCLS: 709/238.000
NCL NCLM: 709/245.000
NCLS: 709/238.000
IC [6]
ICM: G06F013-38
ICS: G06F015-17
EXF 348/12; 370/401; 370/402; 370/475; 395/200.68; 395/200.75; 395/200.76;
395/200.79; 395/200.82; 709/238; 709/245; 709/246; 709/249; 709/252

L3 ANSWER 27 OF 49 USPATFULL
AN 1999:140487 USPATFULL
TI Process control system including automatic sensing and automatic
configuration of devices
IN Krivoshein, Ken D., Elgin, TX, United States
Christensen, Dan D., Austin, TX, United States
PA Fisher-Rosemount Systems, Inc., Austin, TX, United States (U.S.
corporation)
PI US 5980078 19991109
AI US 1997-799966 19970214 (8)
DT Utility
FS Granted
LN.CNT 1727
INCL INCLM: 364/131.000
INCLS: 364/138.000; 364/146.000; 364/147.000; 395/200.510; 395/200.520
NCL NCLM: 700/001.000
NCLS: 700/009.000; 700/017.000; 700/018.000; 709/221.000; 709/222.000
IC [6]
ICM: G06F015-16
EXF 395/284; 395/651-653; 395/823; 395/828-832; 395/834-837; 395/839;
395/200.5; 395/200.51; 395/200.52; 395/200.58; 364/131; 364/138;
364/146; 364/147

L3 ANSWER 28 OF 49 USPATFULL
AN 1999:138519 USPATFULL
TI Wide area network system providing secure transmission
IN Hoff, James, Scottsdale, AZ, United States
Brown, Randall L., Phoenix, AZ, United States
Perry, Thomas J., Phoenix, AZ, United States
Mualim, Satrio P., Glendale, AZ, United States
Plyler, Kevin B., Scottsdale, AZ, United States
Spenik, John W., Phoenix, AZ, United States
Southway, James B., Glendale, AZ, United States
Sciabica, Frank, Phoenix, AZ, United States
Baer, Scott J., Tempe, AZ, United States
PA AG Communication Systems Corporation, Phoenix, AZ, United States (U.S.
corporation)
PI US 5978373 19991102
AI US 1997-893473 19970711 (8)
DT Utility
FS Granted
LN.CNT 993
INCL INCLM: 370/392.000
INCLS: 370/400.000; 713/201.000
NCL NCLM: 370/392.000
NCLS: 370/400.000; 713/201.000
IC [6]
ICM: H04L012-28
ICS: H04L012-56
EXF 370/351; 370/352; 370/401; 370/354; 370/355; 370/360; 370/422; 370/432;
370/434; 370/389; 395/186; 395/187.01; 713/201

L3 ANSWER 29 OF 49 USPATFULL

AN 1999:134437 USPATFULL
TI Network management system extension
IN Townsend, Robert L., Sioux City, IA, United States
Chiang, Luo-Jen, Freehold, NJ, United States
PA NCR Corporation, Dayton, OH, United States (U.S. corporation)
PI US 5974562 19991026
AI US 1995-567453 19951205 (8)
DT Utility
FS Granted
LN.CNT 654
INCL INCLM: 714/004.000
INCLS: 714/012.000; 714/013.000; 709/218.000; 709/220.000
NCL NCLM: 714/004.000
NCLS: 709/218.000; 709/220.000; 714/012.000; 714/013.000
IC [6]
ICM: G06F011-00
EXF 395/182.02; 395/182.08; 395/182.09; 395/182.1; 395/182.11; 395/200.01;
395/200.11; 395/200.51; 395/200.53; 395/200.54; 395/200.69; 395/200.68;
395/200.33; 395/200.47; 395/200.48; 395/200.49; 395/200.5; 370/216;
714/4; 714/10; 714/11; 714/12; 714/13; 709/203; 709/217; 709/218;
709/220; 709/238; 709/239

L3 ANSWER 30 OF 49 USPATFULL

AN 1999:134422 USPATFULL
TI Technique for reliable network booting of an operating system to a
client computer
IN Klimenko, Yevgeniy, Toronto, Canada
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 5974547 19991026
AI US 1998-45577 19980320 (9)
DT Utility
FS Granted
LN.CNT 1450
INCL INCLM: 713/002.000
INCLS: 713/100.000; 709/217.000; 709/220.000
NCL NCLM: 713/002.000
NCLS: 709/217.000; 709/220.000; 713/100.000
IC [6]
ICM: G06F013-00
EXF 713/1; 713/2; 713/100; 709/220; 709/221; 709/222-228; 709/203; 709/217;
709/223; 709/224

L3 ANSWER 31 OF 49 USPATFULL

AN 1999:75109 USPATFULL
TI Data transmission system used for plant control and based on local area
network
IN Shimokawa, Yoshiyuki, Tokyo, Japan
PA Kabushiki Kaisha Toshiba, Kawasaki, Japan (non-U.S. corporation)
PI US 5919250 19990706
AI US 1996-644160 19960510 (8)
PRAI JP 1995-114724 19950512
DT Utility
FS Granted
LN.CNT 1631
INCL INCLM: 709/252.000
INCLS: 709/250.000; 370/466.000; 370/463.000
NCL NCLM: 709/252.000
NCLS: 370/463.000; 370/466.000; 709/250.000
IC [6]
ICM: G06F013-38
ICS: G06F015-17
EXF 395/200.17; 395/200.37; 395/200.66; 395/200.82; 395/200.8; 370/408;
370/406; 370/447; 370/461; 370/402; 370/445; 370/462; 370/465; 370/466;
370/469; 370/463

L3 ANSWER 32 OF 49 USPATFULL

AN 1999:46426 USPTFLL
 TI Providing address resolution information for self-registration of
 clients on power-up or dial-in
 IN Mohammed, Mannan, Chandler, AZ, United States
 PA Intel Corporation, Santa Clara, CA, United States (U.S. corporation)
 PI US 5894479 19990413
 AI US 1996-763613 19961210 (8)
 DT Utility
 FS Granted
 LN.CNT 615
 INCL INCLM: 370/401.000
 INCLS: 395/200.520
 NCL NCLM: 370/401.000
 NCLS: 709/222.000
 IC [6]
 ICM: H04J003-02
 EXF 348/12; 348/13; 348/7; 348/6; 348/10; 395/200.5; 395/200.57;
 395/200.58;
 395/200.33; 395/200.51; 395/200.52; 370/420; 370/390; 370/404; 370/402;
 370/401; 370/453

L3 ANSWER 33 OF 49 USPTFLL
 AN 1999:41180 USPTFLL
 TI Network server
 IN Miyao, Yasuhiro, Tokyo, Japan
 Arutaki, Akira, Tokyo, Japan
 Honda, Masahiko, Tokyo, Japan
 PA NEC Corporation, Tokyo, Japan (non-U.S. corporation)
 PI US 5889777 19990330
 AI US 1996-734663 19961021 (8)
 PRAI JP 1995-274084 19951023
 DT Utility
 FS Granted
 LN.CNT 683
 INCL INCLM: 370/345.000
 INCLS: 370/466.000
 NCL NCLM: 370/395.000
 NCLS: 370/466.000
 IC [6]
 ICM: H04L012-56
 EXF 370/389; 370/395; 370/400; 370/401; 370/402; 370/403; 370/406; 370/407;
 370/408; 370/409; 370/466; 370/467; 370/474; 370/465; 370/469

L3 ANSWER 34 OF 49 USPTFLL
 AN 1998:117085 USPTFLL
 TI Remote access apparatus and method which allow dynamic internet
 protocol
 (IP) address management
 IN Rodwin, Andrew S., Boxborough, MA, United States
 Wenocur, Jonathan H., Brighton, MA, United States
 Feinstein, Michael G., Bedford, MA, United States
 PA Shiva Corporation, Bedford, MA, United States (U.S. corporation)
 PI US 5812819 19980922
 AI US 4628195 19950605 (8)
 DT Utility
 FS Granted
 LN.CNT 807
 INCL INCLM: 395/500.000
 INCLS: 395/187.010; 395/188.010; 001/001.000
 NCL NCLM: 703/023.000
 NCLS: 703/027.000; 713/201.000; 713/202.000
 IC [6]
 ICM: G06F015-16
 EXF 395/500; 395/601; 395/200.01; 395/200.09; 395/200.1; 395/200.12;
 395/200.06; 395/186; 395/187.01; 395/188.01

L3 ANSWER 35 OF 49 USPATFULL
 AN 1998:76770 USPATFULL
 TI World-wide-web server with delayed resource-binding for resource-based
 load balancing on a distributed resource multi-node network
 IN Brendel, Juergen, Redwood City, CA, United States
 Kring, Charles J., Sunnyvale, CA, United States
 Liu, Zaide, Santa Clara, CA, United States
 Marino, Christopher C., Mountain View, CA, United States
 PA Resonate, Inc., Mountain View, CA, United States (U.S. corporation)
 PI US 5774660 19980630
 AI US 1996-691006 19960805 (8)
 DT Utility
 FS Granted
 LN.CNT 1509
 INCL INCLM: 395/200.310
 INCLS: 395/200.320; 395/200.330; 395/200.360; 395/200.490; 395/200.560;
 395/200.590; 395/200.660; 395/200.690; 395/670.000; 395/674.000;
 395/675.000
 NCL NCLM: 709/201.000
 NCLS: 709/100.000; 709/104.000; 709/105.000; 709/202.000; 709/203.000;
 709/206.000; 709/219.000; 709/225.000; 709/229.000; 709/236.000;
 709/239.000
 IC [6]
 ICM: G06F013-00
 ICS: G06F017-30
 EXF 395/200.3-200.33; 395/200.36; 395/200.47-200.5; 395/200.54-200.6;
 395/200.66; 395/200.69; 395/182.02; 395/182.08; 395/670-675

L3 ANSWER 36 OF 49 USPATFULL
 AN 1998:53029 USPATFULL
 TI Internet protocol (IP) work group routing
 IN Dobbins, Kurt A., Bedford, NH, United States
 Cullerot, David L., Manchester, NH, United States
 Nigus, Stephen H., Windham, NH, United States
 Haggerty, William T., Dunstable, MA, United States
 PA Cabletron Systems, Inc., Rochester, NH, United States (U.S.
 corporation)
 PI US 5751971 19980512
 AI US 1995-501324 19950712 (8)
 DT Utility
 FS Granted
 LN.CNT 990
 INCL INCLM: 395/200.680
 INCLS: 395/200.790
 NCL NCLM: 709/238.000
 NCLS: 709/249.000
 IC [6]
 ICM: G06F015-16
 EXF 395/200.15; 395/200.68; 395/200.75; 395/200.79; 395/200.8; 370/85.13;
 370/351; 370/401; 370/409

L3 ANSWER 37 OF 49 USPATFULL
 AN 1998:29051 USPATFULL
 TI Apparatus for determining the topology of an ATM network or the like
 Via communication of topology information between a central manager and
 switches in the network over a virtual service path
 IN Chatwani, Dilip, Newark, CA, United States
 Subramanian, Rajan, Newark, CA, United States
 Chiang, Winnis, Los Altos Hills, CA, United States
 Davar, Jonathan, San Jose, CA, United States
 Opher, Ayal, Mountain View, CA, United States
 Sawant, Shiva, Santa Clara, CA, United States
 PA Bay Networks, Inc., Santa Clara, CA, United States (U.S. corporation)
 PI US 5729685 19980317
 AI US 1996-712679 19960913 (8)

RLI Continuation of Ser. No. US 1996-667322, filed on 20 Jun 1996, now abandoned which is a continuation of Ser. No. US 1993-86431, filed on

29

Jun 1993, now abandoned

DT Utility

FS Granted

LN.CNT 2131

INCL INCLM: 395/200.110

NCL NCLM: 709/224.000

NCLS: 370/254.000

IC [6]

ICM: G06F013-00

EXF 364/DIG.1; 364/DIG.2; 395/200.01; 395/200.02; 395/200.06; 395/200.11;
395/200.15; 395/200.21; 395/200.16; 340/825; 340/825.06; 340/825.07;
340/825.08

L3 ANSWER 38 OF 49 USPATFULL

AN 1998:12917 USPATFULL

TI Method for providing for automatic topology discovery in an ATM network or the like

IN Chatwani, Dilip, Newark, CA, United States

Subramanian, Rajan, Newark, CA, United States

Chiang, Winnis, Los Altos Hills, CA, United States

Davar, Jonathan, San Jose, CA, United States

Opher, Ayal, Mountain View, CA, United States

Sawant, Shiva, Santa Clara, CA, United States

PA Bay Networks, Inc., Santa Clara, CA, United States (U.S. corporation)

PI US 5715396 19980203

AI US 1995-473070 19950607 (8)

RLI Division of Ser. No. US 1993-86431, filed on 29 Jun 1993 which is a continuation-in-part of Ser. No. US 1992-959732, filed on 13 Oct 1992, now patented, Pat. No. US 5519707

DT Utility

FS Granted

LN.CNT 2189

INCL INCLM: 395/200.150

INCLS: 395/200.170

NCL NCLM: 709/242.000

IC [6]

ICM: G06F003-00

EXF 395/200.01; 395/800; 395/200.11; 395/200.15; 395/200.17; 395/200.18

L3 ANSWER 39 OF 49 USPATFULL

AN 97:113367 USPATFULL

TI System for registration of clients in an ATM network providing for communication of client registration messages to a central manager

IN Subramanian, Rajan, Newark, CA, United States

Chatwani, Dilip, Newark, CA, United States

Chiang, Winnis, Los Altos Hills, CA, United States

Davar, Jonathan, San Jose, CA, United States

Opher, Ayal, Mountain View, CA, United States

Sawant, Shiva, Santa Clara, CA, United States

PA Bay Networks, Inc., Santa Clara, CA, United States (U.S. corporation)

PI US 5694547 19971202

AI US 1996-618472 19960318 (8)

RLI Continuation of Ser. No. US 1993-85741, filed on 29 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-959732, filed on 13 Oct 1992, now patented, Pat. No. US 5519707

DT Utility

FS Granted

LN.CNT 2226

INCL INCLM: 395/200.110

INCLS: 395/200.160; 395/200.170

NCL NCLM: 709/224.000

NCLS: 370/254.000; 709/236.000; 709/245.000

IC [6]

ICM: G06F011-38
EXF 395/200.16; 395/500; 395/800; 395/200.11; 395/200.17; 395/838; 395/839;
395/184.01; 395/183.15; 370/60

L3 ANSWER 40 OF 49 USPATFULL
AN 97:79367 USPATFULL
TI Method for providing for automatic topology discovery in an ATM network
or the like
IN Chatwani, Dilip, Newark, CA, United States
Subramanian, Rajan, Newark, CA, United States
Chiang, Winnis, Los Altos Hills, CA, United States
Davar, Jonathan, San Jose, CA, United States
Opher, Ayal, Mountain View, CA, United States
Sawant, Shiva, Santa Clara, CA, United States
PA Bay Networks, Inc., Santa Clara, CA, United States (U.S. corporation)
PI US 5664107 19970902
AI US 1995-473133 19950607 (8)
RLI Division of Ser. No. US 1993-86431, filed on 29 Jun 1993, now abandoned
which is a continuation-in-part of Ser. No. US 1992-959732, filed on 13
Oct 1992
DT Utility
FS Granted
LN.CNT 2141
INCL INCLM: 395/200.540
INCLS: 364/260.000; 364/264.000; 364/267.000; 364/DIG.001
NCL NCLM: 709/224.000
NCLS: 709/242.000
IC [6]
ICM: G06F013-00
EXF 395/200.11; 395/800; 395/200.1; 395/200.12

L3 ANSWER 41 OF 49 USPATFULL
AN 97:76697 USPATFULL
TI Method for activating a backup network management station in a network
management system
IN Townsend, Robert L., Sioux City, IA, United States
Chiang, Luo-Jen, Freehold, NJ, United States
PA NCR Corporation, Dayton, OH, United States (U.S. corporation)
PI US 5661719 19970826
AI US 1995-545465 19951019 (8)
DT Utility
FS Granted
LN.CNT 394
INCL INCLM: 370/216.000
INCLS: 370/221.000
NCL NCLM: 370/216.000
NCLS: 370/221.000
IC [6]
ICM: H04L001-22
EXF 370/16; 370/16.1; 370/94.1-94.3; 370/60; 370/60.1; 370/13; 370/24;
370/216; 370/221; 370/222; 370/223; 370/217; 370/218; 370/219; 370/220;
455/8; 340/825.01; 340/827; 340/825.07; 340/825.52; 364/187; 395/180;
395/181; 395/189.01; 395/182.02; 395/182.04; 395/182.08; 395/182.09;
395/182.11

L3 ANSWER 42 OF 49 USPATFULL
AN 97:48117 USPATFULL
TI Method for translating internet protocol addresses to other distributed
network addressing schemes
IN Fox, Richard H., Sunnyvale, CA, United States
Galloway, Brett D., Campbell, CA, United States4)
PA Metricom, Inc., Los Gatos, CA, United States (U.S. corporation)
PI US 5636216 19970603
AI US 1994-225212 19940408 (8)
DT Utility
FS Granted

LN.CNT 675
 INCL INCLM: 370/402.000
 NCL NCLM: 370/402.000
 IC [6]
 ICM: H04L012-407
 ICS: H04J003-02
 EXF 370/85.13; 370/85.12; 370/94.1; 370/94.3; 370/60; 370/85.14; 370/60.1;
 370/94.2; 370/85.1; 340/825.52; 395/280

L3 ANSWER 43 OF 49 USPATFULL
 AN 96:117267 USPATFULL
 TI Apparatus for providing for automatic topology discovery in an ATM network or the like
 IN Chatwani, Dilip, Newark, CA, United States
 Subramanian, Rajan, Newark, CA, United States
 Chiang, Winnis, Los Altos Hills, CA, United States
 Davar, Jonathan, San Jose, CA, United States
 Opher, Ayal, Mountain View, CA, United States
 Sawant, Shiva, Santa Clara, CA, United States
 PA Bay Networks, Inc., Santa Clara, CA, United States (U.S. corporation)
 PI US 5586267 19961217
 AI US 1995-484656 19950607 (8)
 RLI Division of Ser. No. US 1993-86431, filed on 29 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-959732, filed on 13 Oct 1992, now patented, Pat. No. US 5519707
 DT Utility
 FS Granted
 LN.CNT 2104
 INCL INCLM: 395/200.110
 NCL NCLM: 709/223.000
 NCLS: 370/254.000; 370/397.000; 709/224.000
 IC [6]
 ICM: G06F011-30
 EXF 364/DIG.1MSFile; 364/DIG.2MSFile; 395/200.01; 395/200.06; 395/200.1;
 395/200.11; 370/17; 370/53; 370/54

L3 ANSWER 44 OF 49 USPATFULL
 AN 96:114779 USPATFULL
 TI Method for providing for automatic topology discovery in an ATM network or the like
 IN Chatwani, Dilip, Newark, CA, United States
 Subramanian, Rajan, Newark, CA, United States
 Chiang, Winnis, Los Altos Hills, CA, United States
 Davar, Jonathan, San Jose, CA, United States
 Opher, Ayal, Mountain View, CA, United States
 Sawant, Shiva, Santa Clara, CA, United States
 PA Bay Networks, Inc., Santa Clara, CA, United States (U.S. corporation)
 PI US 5583991 19961210
 AI US 1995-473139 19950607 (8)
 RLI Division of Ser. No. US 1993-86431, filed on 29 Jun 1993, now abandoned
 DT Utility
 FS Granted
 LN.CNT 2101
 INCL INCLM: 395/200.010
 INCLS: 364/284.000; 364/284.400; 364/240.700; 364/238.100; 364/DIG.001
 NCL NCLM: 709/223.000
 NCLS: 709/224.000
 IC [6]
 ICM: G06F015-173
 EXF 395/200.01; 395/800; 395/200.15; 370/60

L3 ANSWER 45 OF 49 USPATFULL
 AN 96:51777 USPATFULL
 TI System for reverse address resolution for remote network device independent of its physical address
 IN Nilakantan, Chandrasekharan, San Jose, CA, United States

Loi, Ly, Fremont, CA, United States
Arunkumar, Nagesh, San Jose, CA, United States
Seaman, Michael J., San Jose, CA, United States
PA 3Com Corporation, Santa Clara, CA, United States (U.S. corporation)
PI US 5526489 19960611
AI US 1993-33914 19930319 (8)
DT Utility
FS Granted
LN.CNT 732
INCL INCLM: 395/200.020
INCLS: 364/DIG.001; 364/241.900; 364/242.940; 364/242.950; 364/242.960;
364/DIG.002; 364/940.610; 364/940.620; 340/825.520
NCL NCLM: 709/228.000
NCLS: 340/825.520; 370/392.000; 370/401.000; 709/245.000
IC [6]
ICM: G06F013-00
ICS: G06F015-16; G06F015-163; G06F015-177
EXF 395/200; 395/425; 395/325; 395/275; 340/825.52

L3 ANSWER 46 OF 49 USPATFULL
AN 96:2111 USPATFULL
TI Interactive information services control system
IN Logston, Gary L., Tucker, GA, United States
Wasilewski, Anthony J., Alpharetta, GA, United States
Addington, Timothy H., Roswell, GA, United States
Wall, Jr., William E., Atlanta, GA, United States
PA Scientific-Atlanta, Inc., Norcross, GA, United States (U.S.
corporation)
PI US 5481542 19960102
AI US 1993-149929 19931110 (8)
DT Utility
FS Granted
LN.CNT 2352
INCL INCLM: 370/094.200
INCLS: 370/095.300; 370/110.100; 348/007.000; 348/013.000
NCL NCLM: 725/131.000
NCLS: 370/442.000; 370/461.000; 370/473.000; 370/474.000; 725/001.000;
725/104.000; 725/121.000; 725/126.000; 725/129.000
IC [6]
ICM: H04N007-173
EXF 370/94.1; 370/94.2; 370/94.3; 370/95.1; 370/95.3; 370/110.1; 359/135;
359/136; 348/6; 348/7; 348/12; 348/13

L3 ANSWER 47 OF 49 USPATFULL
AN 95:108814 USPATFULL
TI Standby router protocol
IN Li, Anthony J., Sunnyvale, CA, United States
Cole, Bruce A., Menlo Park, CA, United States
PA Cisco Systems, Incorporated, Menlo Park, CA, United States (U.S.
corporation)
PI US 5473599 19951205
AI US 1994-231330 19940422 (8)
DT Utility
FS Granted
LN.CNT 1171
INCL INCLM: 370/016.000
INCLS: 370/085.130; 395/182.020; 395/182.110; 395/200.150
NCL NCLM: 370/219.000
NCLS: 370/402.000; 370/409.000; 709/244.000; 714/004.000; 714/013.000
IC [6]
ICM: H04J003-14
EXF 370/16; 370/85.13; 370/85.14; 371/8.1; 371/8.2; 371/9.1; 340/825.03

L3 ANSWER 48 OF 49 USPATFULL
AN 95:25669 USPATFULL
TI Method and apparatus providing for hunt groups in an ATM network of the

like
IN Chatwani, Dilip Newark, CA, United States
Subramanian, Rajan, Newark, CA, United States
PA SynOptics Communications, Inc., Santa Clara, CA, United States (U.S.
corporation)
PI US 5400325 19950321
AI US 1993-86176 19930629 (8)
DT Utility
FS Granted
LN.CNT 2137
INCL INCLM: 370/060.100
INCLS: 395/500.000; 370/094.300
NCL NCLM: 370/399.000
NCLS: 370/396.000
IC [6]
ICM: H04L012-56
EXF 370/60; 370/60.1; 370/62; 370/68; 370/119; 370/94.3; 395/325; 395/500

L3 ANSWER 49 OF 49 USPATFULL
AN 95:14401 USPATFULL
TI Method and apparatus providing for bootstrapping of switches in an ATM
network or the like
IN Sawant, Shiva, Santa Clara, CA, United States
Chatwani, Dilip, Newark, CA, United States
Chiang, Winnis, Los Altos Hills, CA, United States
Davar, Jonathan, San Jose, CA, United States
Opher, Ayal, Mountain View, CA, United States
Subramanian, Rajan, Newark, CA, United States
PA SynOptics Communications, Inc., Santa Clara, CA, United States (U.S.
corporation)
PI US 5390170 19950214
AI US 1993-85600 19930629 (8)
RLI Continuation-in-part of Ser. No. US 1992-959732, filed on 13 Oct 1992
DT Utility
FS Granted
LN.CNT 2211
INCL INCLM: 370/058.100
INCLS: 370/060.000; 370/094.100; 370/110.100
NCL NCLM: 370/399.000
NCLS: 370/522.000
IC [6]
ICM: H04L012-02
EXF 370/58.1; 370/60; 370/60.1; 370/94.1; 370/110.1; 370/58.2

=> d 14 1-

YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 2 USPATFULL
AN 2000:99792 USPATFULL
TI Process control system including a method and apparatus for
automatically sensing the connection of devices to a network
IN Nixon, Mark, Round Rock, TX, United States
Krivoshein, Ken D., Elgin, TX, United States
Shepard, John R., Austin, TX, United States
Christensen, Dan D., Austin, TX, United States
Schleiss, Duncan, Austin, TX, United States
PA Fisher-Rosemont Systems, Inc., Austin, TX, United States (U.S.
corporation)
PI US 6098116 20000801
AI US 1996-631519 19960412 (8)
PRAI US 1996-17700 19960412 (60)
DT Utility
FS Granted

LN.CNT 2316
INCL INCLM: 710/008.000
INCLS: 710/010.000; 710/062.000; 709/220.000; 709/221.000; 709/250.000
NCL NCLM: 710/008.000
NCLS: 709/220.000; 709/221.000; 709/250.000; 710/010.000; 710/062.000
IC [7]
ICM: G06F013-14
ICS: G06F013-20
EXF 395/209.5; 395/200.51; 395/200.8; 370/94.1; 710/8; 710/10; 710/62;
709/250; 709/220; 709/221

L4 ANSWER 2 OF 2 USPATFULL
AN 1999:140487 USPATFULL
TI Process control system including automatic sensing and automatic
configuration of devices
IN Krivoshein, Ken D., Elgin, TX, United States
Christensen, Dan D., Austin, TX, United States
PA Fisher-Rosemount Systems, Inc., Austin, TX, United States (U.S.
corporation)
PI US 5980078 19991109
AI US 1997-799966 19970214 (8)
DT Utility
FS Granted
LN.CNT 1727
INCL INCLM: 364/131.000
INCLS: 364/138.000; 364/146.000; 364/147.000; 395/200.510; 395/200.520
NCL NCLM: 700/001.000
NCLS: 700/009.000; 700/017.000; 700/018.000; 709/221.000; 709/222.000
IC [6]
ICM: G06F015-16
EXF 395/284; 395/651-653; 395/823; 395/828-832; 395/834-837; 395/839;
395/200.5; 395/200.51; 395/200.52; 395/200.58; 364/131; 364/138;
364/146; 364/147

=> d 16 1-

YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

L6 ANSWER 1 OF 3 USPATFULL
AN 1999:8310 USPATFULL
TI Client connects to an internet access provider using algorithm
downloaded from a central server based upon client's desired criteria
after disconnected from the server
IN Bonnaure, Patrick P., Redwood Shores, CA, United States
Ziola, Tom J., Menlo Park, CA, United States
Herman, William C., Orinda, CA, United States
PA WebTV Networks, Inc., Mountain View, CA, United States (U.S.
corporation)
PI US 5862339 19990119
AI US 1996-677914 19960709 (8)
DT Utility
FS Granted
LN.CNT 1391
INCL INCLM: 395/200.570
INCLS: 395/200.470; 395/200.480; 395/200.490; 395/200.580
NCL NCLM: 709/227.000
NCLS: 709/217.000; 709/218.000; 709/219.000; 709/228.000
IC [6]
ICM: G06F013-00
EXF 370/400; 379/113; 379/115; 379/201; 395/682; 395/200.57; 395/200.47;
395/200.48; 395/200.49; 395/200.58; 707/3; 348/6

L6 ANSWER 2 OF 3 USPATFULL
AN 1999:8192 USPATFULL

TI Method and apparatus for using network address information to improve
the performance of network transactions
IN Perlman, Stephen G., Mountain View, CA, United States
PA WebTV Networks, Inc., Mountain View, CA, United States (U.S.
corporation)
PI US 5862220 19990119
AI US 1996-656923 19960603 (8)
DT Utility
FS Granted
LN.CNT 1261
INCL INCLM: 380/021.000
INCLS: 380/009.000; 380/010.000; 380/049.000; 380/059.000
NCL NCLM: 713/162.000
NCLS: 380/059.000; 380/251.000; 380/279.000; 713/155.000
IC [6]
ICM: H04L009-08
ICS: H04L009-00
EXF 380/4; 380/9; 380/21; 380/23; 380/25; 380/49; 380/50; 380/59; 380/10

L6 ANSWER 3 OF 3 USPATFULL
AN 1998:83786 USPATFULL
TI Automatic address setter capable of determining a network address of a
host station
IN Hashimoto, Akira, Tokyo, Japan
PA NEC Corporation, Tokyo, Japan (non-U.S. corporation)
PI US 5781552 19980714
AI US 1995-404988 19950316 (8)
PRAI JP 1994-72667 19940316
DT Utility
FS Granted
LN.CNT 544
INCL INCLM: 370/447.000
INCLS: 370/471.000
NCL NCLM: 370/447.000
NCLS: 370/471.000
IC [6]
ICM: H04J003-24
EXF 370/85.1; 370/85.2; 370/94.1; 370/60; 370/60.1; 370/94.2; 370/85.13;
370/92; 370/93; 370/25.7; 370/95.3; 370/95.1; 370/91; 370/241; 370/245;
370/247; 370/389; 370/455; 370/449; 370/450; 370/447; 370/445; 370/444;
370/443; 370/461; 370/471; 370/475; 370/474; 370/908; 375/311; 375/317

=> d 17 1-

YOU HAVE REQUESTED DATA FROM 6 ANSWERS - CONTINUE? Y/(N):y

L7 ANSWER 1 OF 6 USPATFULL
AN 2000:58626 USPATFULL
TI Apparatus and method for assigning virtual LANs to a switched network
IN Berlovitch, Albert, Rishon le Zion, Israel
Shurman, Michael, Jerusalem, Israel
Shoua, Menachem, Ramat Gan, Israel
PA Lucent Technologies Networks Ltd, Murray Hill, NJ, United States (U.S.
corporation)
PI US 6061334 20000509
AI US 1997-779143 19970106 (8)
PRAI IL 1996-118984 19960730
DT Utility
FS Granted
LN.CNT 2360
INCL INCLM: 370/255.000
INCLS: 370/400.000
NCL NCLM: 370/255.000
NCLS: 370/400.000

IC [7]
 ICM: H04L012-2
 EXF 370/254; 370/255; 370/400; 370/401; 370/351; 370/395

L7 ANSWER 2 OF 6 USPATFULL
 AN 2000:44766 USPATFULL
 TI Trunking ethernet-compatible networks
 IN Hendel, Ariel, Cupertino, CA, United States
 Hejza, Leo A., Sunnyvale, CA, United States
 Kumar, Sampath H. K., San Jose, CA, United States
 PA Sun Microsystems, Inc., Mountain View, CA, United States (U.S. corporation)
 PI US 6049528 20000411
 AI US 1997-885072 19970630 (8)
 DT Utility
 FS Granted
 LN.CNT 1377
 INCL INCLM: 370/235.000
 INCLS: 370/437.000
 NCL NCLM: 370/235.000
 NCLS: 370/437.000

IC [7]
 ICM: H04N001-16
 ICS: H04J003-16
 EXF 370/466; 370/467; 370/469; 370/463; 370/445; 370/216; 370/229; 370/230; 370/235; 370/437

L7 ANSWER 3 OF 6 USPATFULL
 AN 2000:29298 USPATFULL
 TI Secure virtual LANs
 IN Gage, William W. A., Stittsville, Canada
 Wollensak, Martin, Nepean, Canada
 Himbeault, Lee, Calgary, Canada
 PA Nortel Networks Corporation, Montreal, Canada (non-U.S. corporation)
 PI US 6035405 20000307
 AI US 1997-996159 19971222 (8)
 DT Utility
 FS Granted
 LN.CNT 794
 INCL INCLM: 713/201.000
 INCLS: 709/227.000; 380/025.000
 NCL NCLM: 713/201.000
 NCLS: 709/227.000; 713/155.000

IC [7]
 ICM: G06F012-14
 EXF 713/201; 713/200; 713/202; 709/227; 709/218; 709/219; 709/238; 709/203; 709/220; 709/223; 709/245; 709/249; 709/246; 709/250; 709/1; 709/237; 709/229; 709/224; 709/242; 709/228; 370/552; 370/16; 370/60; 370/94.01; 370/404; 380/23; 380/25; 380/48; 380/28; 345/356

L7 ANSWER 4 OF 6 USPATFULL
 AN 1999:143155 USPATFULL
 TI Method of testing a switched local area network
 IN Pendleton, Blair D., Colorado Springs, CO, United States
 Arndt, Manfred R., Colorado Springs, CO, United States
 PA Fluke Corporation, Everett, WA, United States (U.S. corporation)
 PI US 5982753 19991109
 AI US 1997-871304 19970609 (8)
 DT Utility
 FS Granted
 LN.CNT 554
 INCL INCLM: 370/252.000
 INCLS: 370/254.000; 709/223.000
 NCL NCLM: 370/252.000
 NCLS: 370/254.000; 709/223.000

IC [6]

ICM: H04J001-1
 ICS: H04J003-1 H04L012-28; H04L001-00
 EXF 370/242; 370/243; 370/252; 370/241-55; 709/223; 709/224

L7 ANSWER 5 OF 6 USPATFULL
 AN 1998:53025 USPATFULL
 TI Method and apparatus for automatically configuring a network device to support a virtual network
 IN Raab, Ilan, Sunnyvale, CA, United States
 Manghirmalani, Ravi, Fremont, CA, United States
 Doitel, Ofer, Saratoga, CA, United States
 Izbicki, Lynne Marie, Cupertino, CA, United States
 PA Bay Networks Group, Inc., Santa Clara, CA, United States (U.S. corporation)
 PI US 5751967 19980512
 AI US 1996-680113 19960715 (8)
 RLI Continuation of Ser. No. US 1994-280275, filed on 25 Jul 1994, now abandoned
 DT Utility
 FS Granted
 LN.CNT 1321
 INCL INCLM: 395/200.580
 INCLS: 395/200.500; 395/200.720
 NCL NCLM: 709/228.000
 NCLS: 709/220.000; 709/242.000
 IC [6]
 ICM: G06F015-177
 ICS: G06F015-173
 EXF 395/200.11; 395/200.1; 395/727; 395/375; 395/182.02; 395/200.54; 395/200.5; 395/200.72; 395/200.58

L7 ANSWER 6 OF 6 USPATFULL
 AN 96:117254 USPATFULL
 TI System for managing and operating a network by physically imaging the network
 IN Kondo, Mariko, Yokohama, Japan
 Nakamura, Teruo, Yokohama, Japan
 Mori, Yumiko, Yokohama, Japan
 Tsutsumi, Toshiyuki, Yokohama, Japan
 PA Hitachi Software Engineering Co., Ltd., Kanagawa-ken, Japan (non-U.S. corporation)
 PI US 5586254 19961217
 AI US 1993-18430 19930216 (8)
 PRAI JP 1992-26405 19920213
 JP 1992-249890 19920918
 DT Utility
 FS Granted
 LN.CNT 2972
 INCL INCLM: 395/200.100
 INCLS: 395/615.000; 340/825.030; 364/228.000; 364/229.400; 364/927.990
 NCL NCLM: 714/025.000
 NCLS: 370/254.000; 707/104.100; 709/223.000; 714/043.000
 IC [6]
 ICM: G06F015-40
 ICS: G06F015-66; G06F013-94
 EXF 395/51; 395/200; 395/600; 395/200.1; 340/825.03